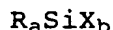


Replaced
by
Art. 34

We claim:-

1. Goniochromatic luster pigments comprising at least one dielectric low-refractive interference-colored layer which includes a polar organic solvent which can interact with the layer material via functional groups.
2. Goniochromatic luster pigments comprising at least one dielectric low-refractive interference-colored layer which have been subjected to a thermal treatment in a polar organic solvent which can interact with the layer material via functional groups.
3. Luster pigments as claimed in claim 1 or 2, wherein the organic solvent is ethylene glycol.
4. Luster pigments as claimed in any of claims 1 to 3, which have additionally been treated with a silane.
5. Luster pigments as claimed in claim 4, which have been treated with a silane of the general formula I



I

where:

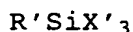
R represents C_1 - C_{18} -alkyl radicals which may be singly or multiply unsaturated and/or substituted by C_1 - C_6 -alkanoloxo, halogen, amino and/or saturated or unsaturated C_1 - C_6 -alkoxy which may contain an epoxy group, and each R is the same or different for $a > 1$;

X is C_1 - C_4 -alkoxy and each X may be the same or different for $b > 1$;

a is 1, 2 or 3;

b is 1, 2 or 3, with the proviso that the sum $a + b = 4$.

6. Luster pigments as claimed in claim 4 or 5, which have additionally been treated with a silane of the general formula Ia



Ia

where:

5 R' is vinyl or propyl which may be substituted in the
terminal position by saturated or unsaturated
C₂-C₄-alkoxy which may contain an epoxy group; and

X' is methoxy or ethoxy.

- 10 7. A process for preparing luster pigments as claimed in any of
claims 1 to 3, which comprises heating the pigment particles
in the organic solvent to a temperature $\geq 100^{\circ}\text{C}$.
- 15 8. A process for preparing luster pigments as claimed in any of
claims 4 to 6, which comprises adding the silane before,
during and/or after the heating.
- 20 9. The use of luster pigments as claimed in any of claims 1 to 6
for coloring coatings, inks, including printing inks,
plastics, glasses, ceramic products and decorative cosmetic
preparations.
10. The use of luster pigments as claimed in any of claims 1 to 6
for coloring baking finishes and powder coatings.

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